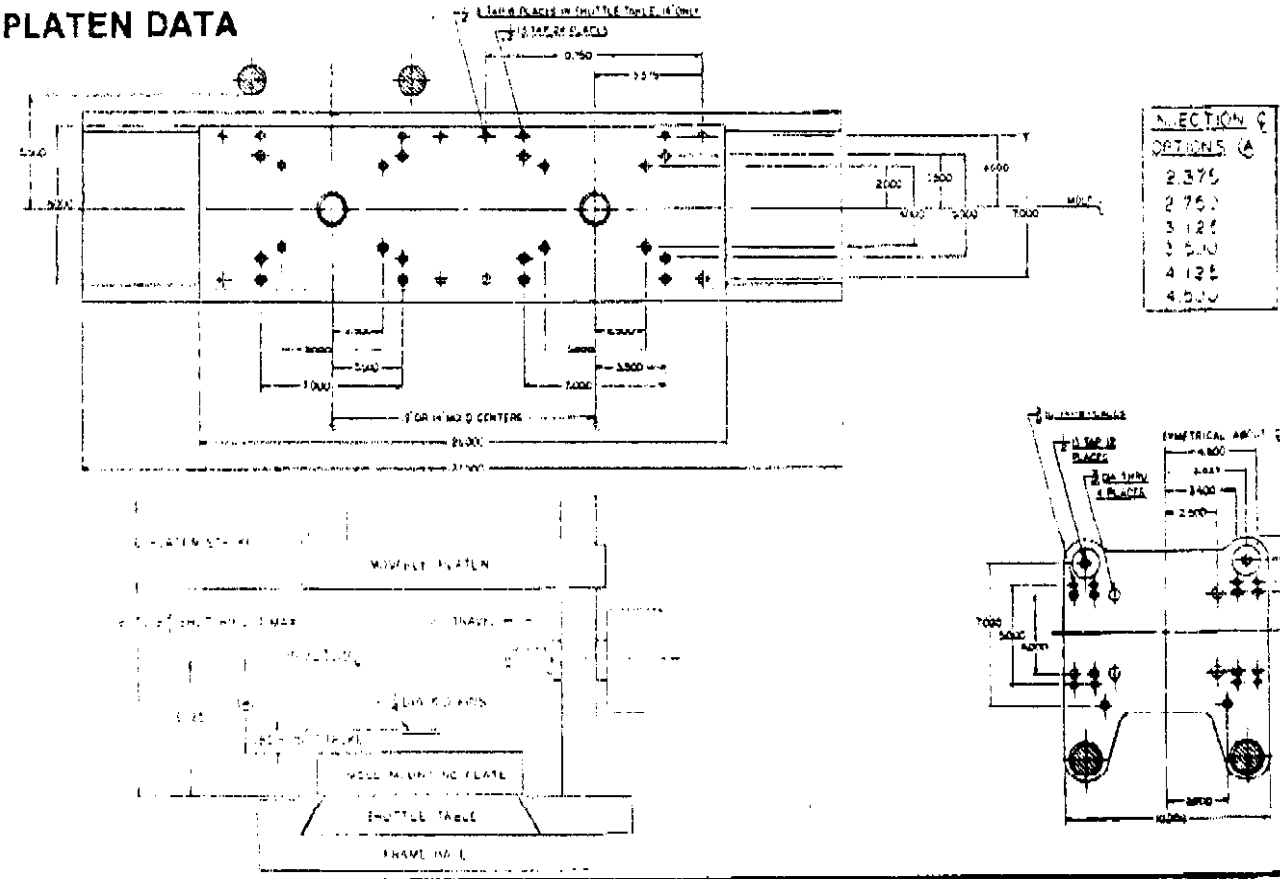
Model V4-30ARS

Effective April 1, 1988
Supercedes and cancels previous schedule

SPECIFICATIONS

INJECTION UNIT	U.S. Standard	Metric
Molding capacity per shot / polystyrene	4 oz	113.3 gr
Plasticizing capacity / per hour†	60 lbs	27 kg
Screw diameter	1.38 in	35.05 mm
Screw L/D ratio	16:1	16:1
Screw recovery rate / per second†	.26 oz	7.36 gr
Screw speed / variable RPM	10-300	10-300
Injection stroke	5 in	127 mm
Injection volume	7.4 cu in	121.2 cu cm
Maximum injection pressure on material	22,350 PSI	1564.5 kg/cm²
Rate of injection	4.13 CIPS	67.8 cu cm/sec
Total heater band output	6600 watts	6.6 kw
CLAMPING UNIT		
Mold clamping force	30 U.S.tons	27 metric tons
Maximum clamping stroke	6 in	152 mm
Platen size	8 x 10 in	203 x 254 mm
Maximum mold space	8 x 10 in	203 x 254 mm
Daylight-Closed / min.-max.	6.0-8.75 in	152-222 mm
Daylight-Open / max.	14.75 in	374 mm
Center line of injection	2-3/8, 2-3/4, 3 1/8, 3 1/2, 4-1/8, 4-1/2, 5-1/8 in	
GENERAL SPECIFICATIONS		
Hopper capacity	45 lbs	29 litr
Motor at 1200 RPM	7.5 hp	5.6 kw
Oil tank capacity	37 gal	140 litr
Pump delivery	12 gpm	45.5 litr/min
Floor space	7L x 5W x 6½H feet	2134L x 1524W x 1981H mm
Weight, domestic shipping (estimated)	5000 lbs	2.27 metric tons

†Based on polystyrene at 50% of capacity. ‡Full dic strokes and screw strokes, one second screw recovery and all time delays.

PLATEN DATA